RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	09/872,505H
Source:	1PW/6
Date Processed by STIC:	10/3/05
	, ,

ENTERED



IFW16

RAW SEQUENCE LISTING DATE: 10/03/2005 PATENT APPLICATION: US/09/872,505A TIME: 16:57:50

Input Set : A:\PTO.KD.txt

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4 <110> APPLICANT: Andersen, Peter
      5
              Skjot, Rikke Louise Vinther
              Okkels, Li Mei Meng
      6
              Brock, Inger
      7
     8
              Oettinger, Thomas
     10 <120> TITLE OF INVENTION: Nucleic Acid Fragments and Polypeptide Fragments Derived
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     13 <130> FILE REFERENCE: 670001-2002.6
     15 <140> CURRENT APPLICATION NUMBER: 09/872,505A
     16 <141> CURRENT FILING DATE: 2001-06-01
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     19 <151> PRIOR FILING DATE: 2001-03-13
     21 <150> PRIOR APPLICATION NUMBER: US09/615,947
     22 <151> PRIOR FILING DATE: 2000-07-13
     24 <150> PRIOR APPLICATION NUMBER: US09/246,191
     25 <151> PRIOR FILING DATE: 1998-12-30
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     28 <151> PRIOR FILING DATE: 1998-01-05
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     31 <151> PRIOR FILING DATE: 1999-07-15
     33 <150> PRIOR APPLICATION NUMBER: PCT/DK00/00398
     34 <151> PRIOR FILING DATE: 2000-07-13
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    52
                          5
                                             10
    54 aac gcc ccg cgt cgg aat cgc gtt ggg cgg caa cat ggt tgg ccg gcc
                                                                               96
    55 Asn Ala Pro Arg Arg Asn Arg Val Gly Arg Gln His Gly Trp Pro Ala
                     20
    58 gac gtt ceg tee gee gag cag ege ege gee caa egg cag ege gae ete
                                                                              144
    59 Asp Val Pro Ser Ala Glu Gln Arg Arg Ala Gln Arg Gln Arg Asp Leu
                 35
                                     40
    62 gag gct atc cgc cga gcg tac gcc gag atg gtg gcg aca tca cac gaa
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     63 Glu Ala Ile Arg Arg Ala Tyr Ala Glu Met Val Ala Thr Ser His Glu
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RAW SEQUENCE LISTING DATE: 10/03/2005
PATENT APPLICATION: US/09/872,505A TIME: 16:57:50

Input Set : A:\PTO.KD.txt

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71 Asp Glu Gln Arg													
72	85		90	9									
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87 20	- 3 3 3	25		30	_								
88 Asp Val Pro Ser	Ala Glu Gln		_		o Leu								
89 35	7 77- M	40		45	- d1								
90 Glu Ala Ile Arg 7		Ala Glu M		Thr Ser Hi	s GIU								
91 50 92 Ile Asp Asp Asp '	55 Thr Ala Clu	Tou Nia T	60	Mot His To	. Nan								
93 65	70	Leu Ala L	75	met his Le	a Asp 80								
94 Asp Glu Gln Arg		Ala Glv M		Gly Trn Hi									
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114 Glu Leu Val Gly	_		Ala Ser Ala		eu Ala								
115 20		25		30									
117 ggc gac gcc gcg													
118 Gly Asp Ala Ala 119 35	GIY AIR Tr	Arg Inr .	ATA ATA VAL		la Arg								
	act ata co		ana aca et =	45	-+ ++~ 100								
121 gcg ttg gtc cgc 122 Ala Leu Val Arg	Ala Wal Al	y gay tog a	uae gge gce	geg gee g	tt ttg 192								
123 50	Ala vai Ala		nis Gly vai 60	AIA AIA V	ar nen								
123 30	, 5:	,	60										

RAW SEQUENCE LISTING DATE: 10/03/2005 PATENT APPLICATION: US/09/872,505A TIME: 16:57:50

Input Set : A:\PTO.KD.txt

105 -																
	tc gcc															240
	he Ala	Ala	Thr	Ala	Ala	Ala	Ala	Ala	Ala	Val	Asp	Arg	Gly	Asp	Pro	
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	Slu Leu	Val	Gly	Gly	Pro	Pro	Val	Glu	Ala	Ser	Ala	Ala	Ala	Leu	Ala	
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	ly Asp		Ala	Gly	Ala	\mathtt{Trp}	Arg	Thr	Ala	Ala	Val	Glu	Leu	Ala	Arg	
144	_	35_					40					45				
	la Leu	Val	Arg	Ala	Val		Glu	Ser	His	Gly	Val	Ala	Ala	Val	Leu	
146	50	_	_	_		55					60					
	he Ala	Ala	Thr	Ala		Ala	Ala	Ala	Ala		Asp	Arg	Gly	Asp	Pro	
148 6					70					75					80	
149 P				_												
	210> SI															
	211> L			200												
	212> T				. 1				,							
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150		3 N (1117 TF														
	:220> FI															
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Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\10032005\1872505A.raw

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	Leu	Thr	Ala		Asn	Phe	Phe	Gly		Asn	Thr	Ile	Pro		Ala	Leu	
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217	atg	agc	ggc	ccg	atg	cag	cag	ctg	acc	cag	ccg	ctg	cag	cag	gtg	acg	726
								Leu									
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223		235					240	-		•	-	245				-	
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								Leu									
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243	nια	315	nια	nια	GLY	261	320	AIG	1111	Gry	Gry	325	ΑΙα	FIO	vai	GIY	
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	330	GIY	мта	Mec	GIÀ	335	GIA	Ala	GIII	ser.	_	GIÀ	ser.	THE.	Arg		
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251					350					355					360		

RAW SEQUENCE LISTING DATE: 10/03/2005
PATENT APPLICATION: US/09/872,505A TIME: 16:57:50

Input Set : A:\PTO.KD.txt

	Glu								gac Asp 370		tga	gctc	ccg 1	taat	gaca	ac		1160
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267	Arg	Leu	Met	Ala	Gly	Ala	Gly	Pro	Ala	Pro	Met	Leu-	Ala	Ala	Ala	Ala		
268				20					25					30				
	Gly	Trp		Thr	Leu	Ser	Ala	Ala	Leu	Asp	Ala	Gln	Ala	Val	Glu	Leu		
270		_	35					40					45					
	Thr		Arg	Leu	Asn	Ser		Gly	Glu	Ala	$\mathtt{Trp}$	Thr	Gly	Gly	Gly	Ser		
272	_	50		_	·		55					60			_	_		
	_	Lys	Ala	Leu	Ala		Ala	Thr	Pro	Met		Val	Trp	Leu	Gln			
274			en1.	~3		70	1	_			75 ~~					80		
	Ala	ser	Thr	GIn		ьуs	Thr	Arg	Ala		GIn	Ala	Thr	Ala		Ala		
276	77.	7 J _	П	mla sa	85	<b>7.1</b> _	14-L	<b>7.7</b> -	ml	90	<b>D</b>		<b>.</b>	<b>D</b>	95	-1		
277	Ата	Ата	Tyr		GIN	Ala	мет	Ата		Thr	Pro	Ser	ьeu		GIU	тте		
	Nla	ת 1 ת	λcn	100	T10	Thr	Cln	71-	105	T 011	шhъ	Ala	Th.	110	Dho	Dho		
280	Ата	Ата	115	птъ	116	1111	GIII	120	vai	ьeu	1111	Ата	125	ASII	Pne	Pne		
	Glv	Tle		Thr	Tle	Pro	Tle		T.011	Thr	Glu	Met		Tur	Dha	Tla		
282	O _T	130	11011	****	110	110	135	ALG	ыса	1111	GIU	140	App	- y -	FIIC	116		
	Ara		Trp	Asn	Gln	Ala		Leu	Ala	Met	Glu	Val	Tvr	Gln	Ala	Glu		
	145					150					155		-1-	<b>U</b>		160		
		Ala	Val	Asn	Thr		Phe	Glu	Lys	Leu		Pro	Met	Ala	Ser			
286					165				•	170					175			
287	Leu	Asp	Pro	Gly	Ala	Ser	Gln	Ser	Thr	Thr	Asn	Pro	Ile	Phe	Gly	Met		
288				180					185					190	_			
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298	~3			260	~3			_	265	_			_	270	_			
	GTA	Pro		ΑΙα	GIY	Ala	GLY		Leu	Arg	Ala	Glu		Leu	Pro	GIA		
300	<b>77</b> -	C1	275	0	T	mb	7	280	D	T	Mak		285	T	T7 -	<b>01</b>		
	ATG		GIA	ser	ьeu	rnr	_	ınr	Pro	ьeu	met	Ser	GIN	ьeu	тте	GIU		
302	Lara	290 Pro	77-1	777	Dro	C.~	295	Mo+	Dro	77-	77-	300	77-	C1	C ~ ~	Com		
303	_	FIO	val	ATG	PTO		val	Met	PLO	ATG		Ala	ATG	GIĀ	ser			
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VERIFICATION SUMMARY

DATE: 10/03/2005 TIME: 16:57:51

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10032005\1872505A.raw

PATENT APPLICATION: US/09/872,505A